

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030920AL\
 Data File : FC046223.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2020 3:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 10 08:46:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.759	2089358	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.176	1576114	17.569 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
Target Compounds			
1) T n-Nonane (C9)	3.538	2050237	20.339 ug/ml
2) T n-Decane (C10)	4.607	2061148	20.435 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2179428	19.628 ug/ml
4) T n-Dodecane (C12)	6.617	2083923	20.427 ug/ml
5) T A~2-methylnaphthalene...	7.259	2155643	19.379 ug/ml
6) T n-Tetradecane (C14)	8.401	2069790	20.219 ug/ml
7) T n-Hexadecane (C16)	9.992	2053602	19.834 ug/ml
8) T n-Octadecane (C18)	11.427	2048001	19.482 ug/ml
10) T n-Eicosane (C20)	12.730	1979034	18.721 ug/ml
11) T n-Heneicosane (C21)	13.339	1959538	18.372 ug/ml
13) T n-Docosane (C22)	13.923	1916022	18.032 ug/ml
14) T n-Tetracosane (C24)	15.022	1866492	17.439 ug/ml
15) T n-Hexacosane (C26)	16.038	1805306	16.986 ug/ml
16) T n-Octacosane (C28)	16.983	1753037	16.744 ug/ml
17) T n-Tricontane (C30)	17.868	1694492	16.815 ug/ml
18) T n-Dotriacontane (C32)	18.696	1449654	16.938 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1257042	17.320 ug/ml
20) T n-Hexatriacontane (C36)	20.211	1182266	17.482 ug/ml
21) T n-Octatriacontane (C38)	20.975	1115321	18.453 ug/ml
22) T n-Tetracontane (C40)	21.937	1103783	17.556 ug/ml

(f)=RT Delta > 1/2 Window

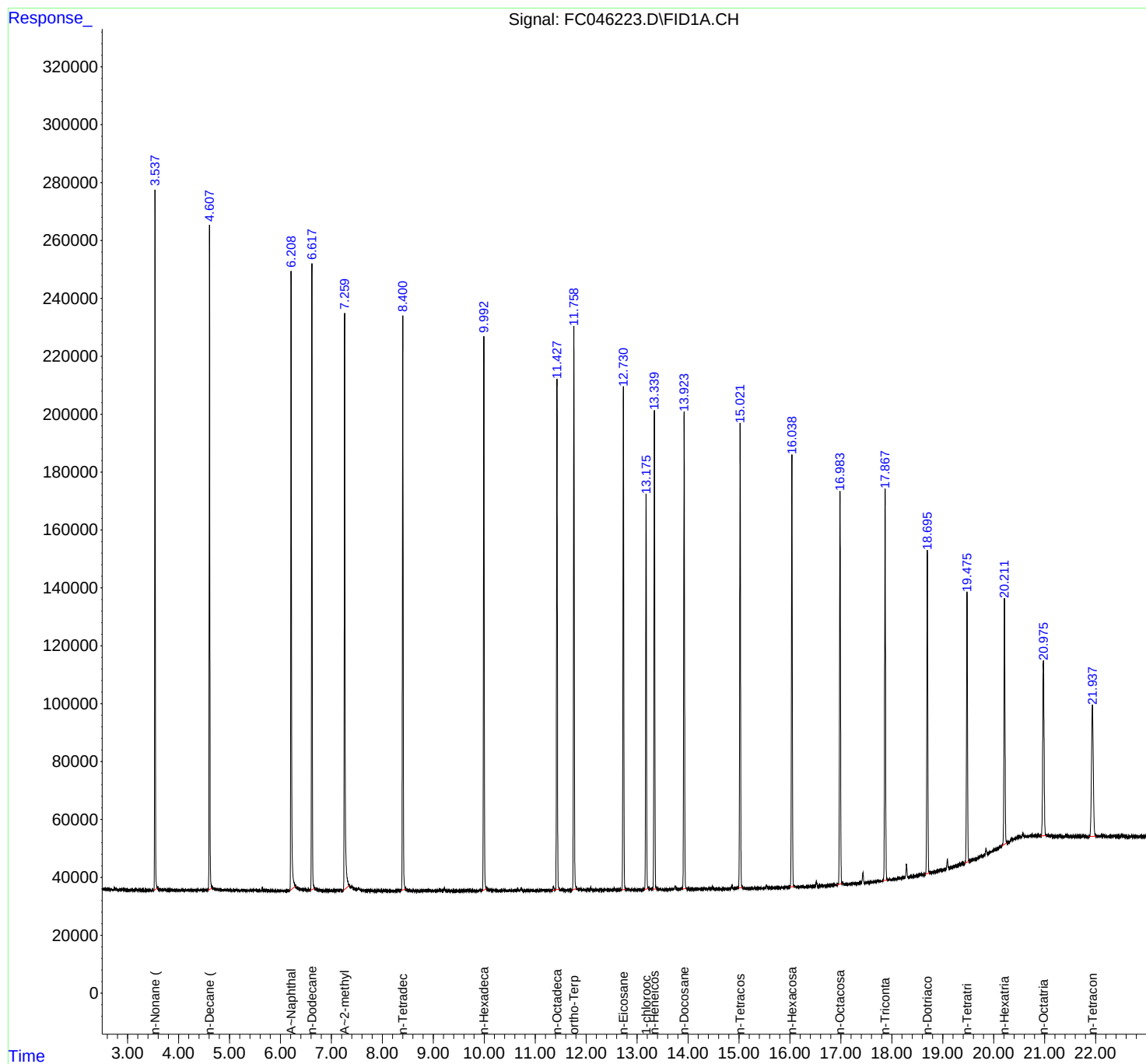
(m)=manual int.

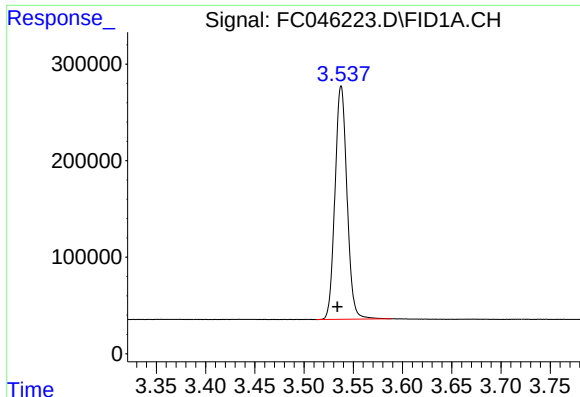
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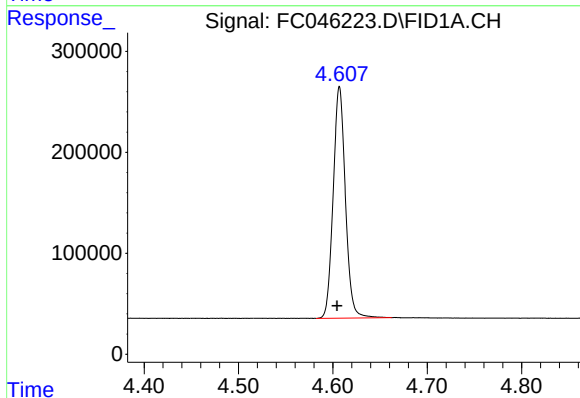




#1 n-Nonane (C9)

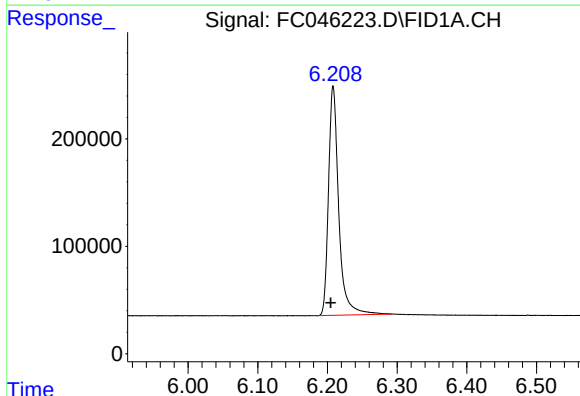
R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2050237
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



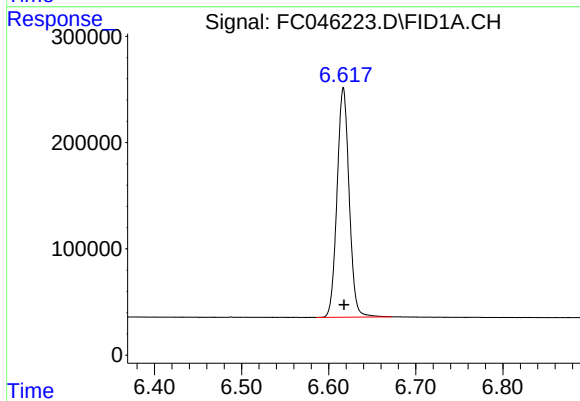
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2061148
Conc: 20.44 ug/ml



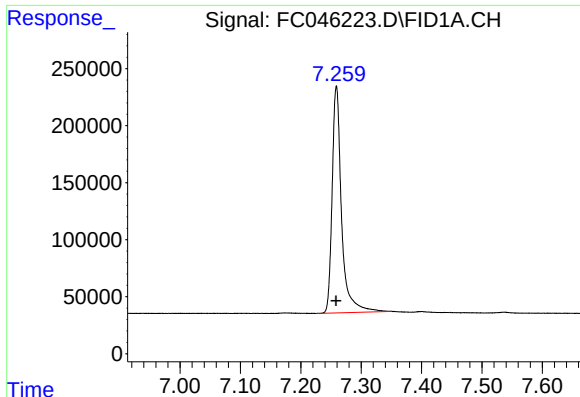
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 2179428
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

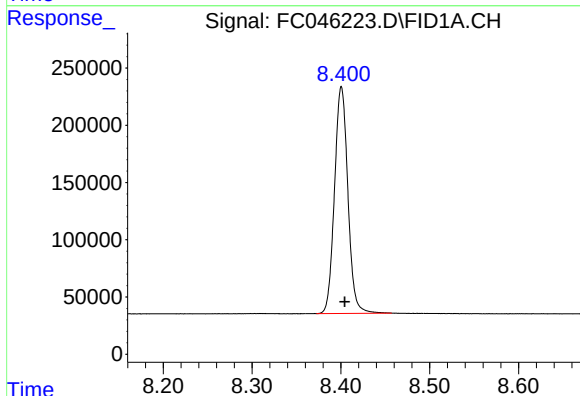
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2083923
Conc: 20.43 ug/ml



#5 A~2-methylnaphthalene (C12.89)

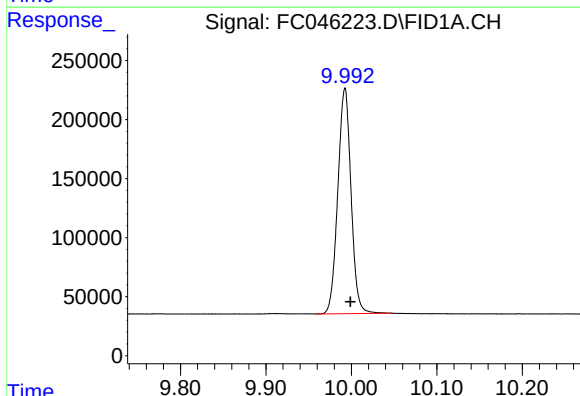
R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 2155643
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



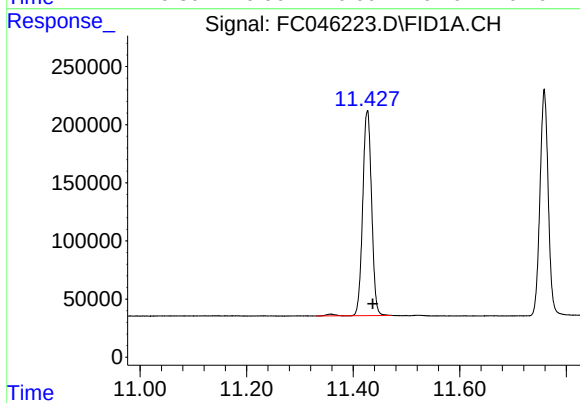
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2069790
Conc: 20.22 ug/ml



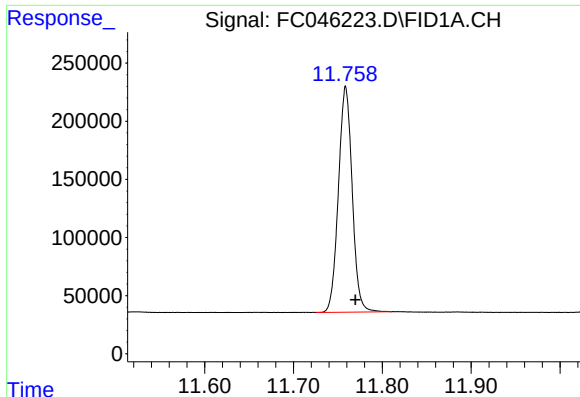
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 2053602
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

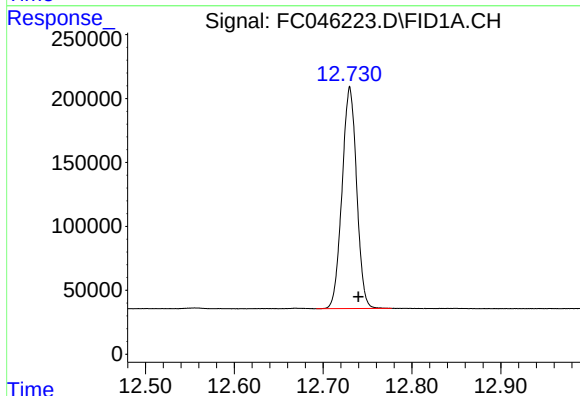
R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 2048001
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

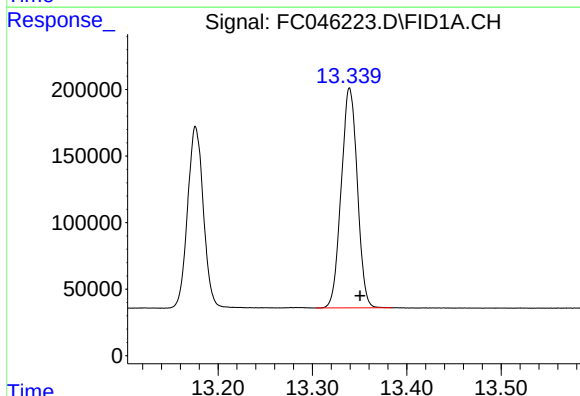
R.T.: 11.759 min
Delta R.T.: -0.011 min
Response: 2089358
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



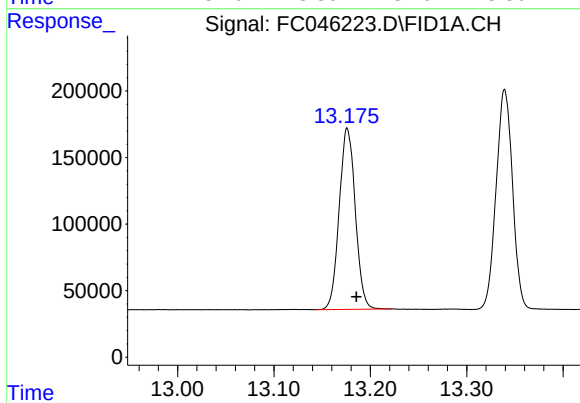
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: -0.010 min
Response: 1979034
Conc: 18.72 ug/ml



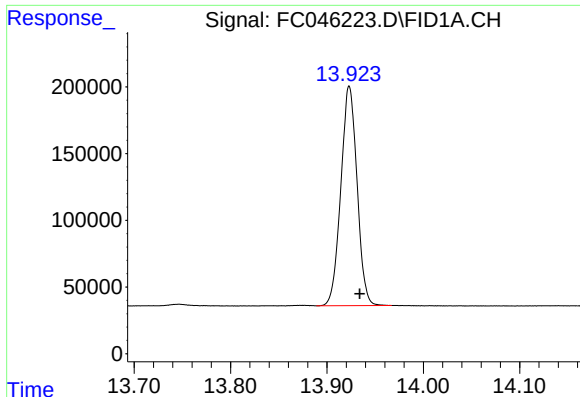
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.011 min
Response: 1959538
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

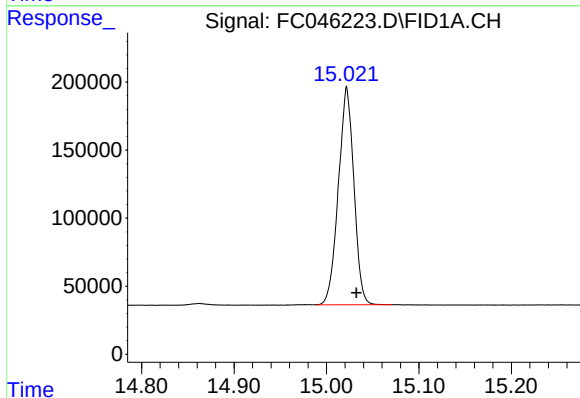
R.T.: 13.176 min
Delta R.T.: -0.009 min
Response: 1576114
Conc: 17.57 ug/ml



#13 n-Docosane (C22)

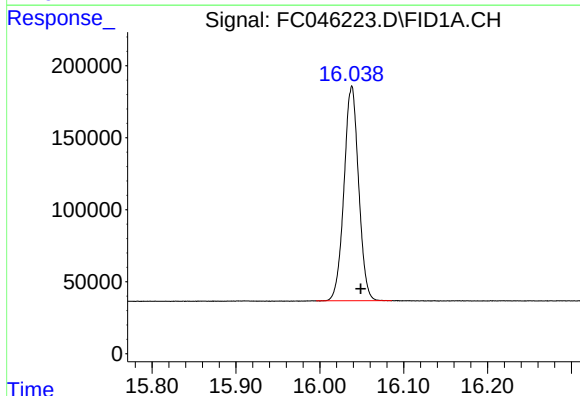
R.T.: 13.923 min
Delta R.T.: -0.011 min
Response: 1916022
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



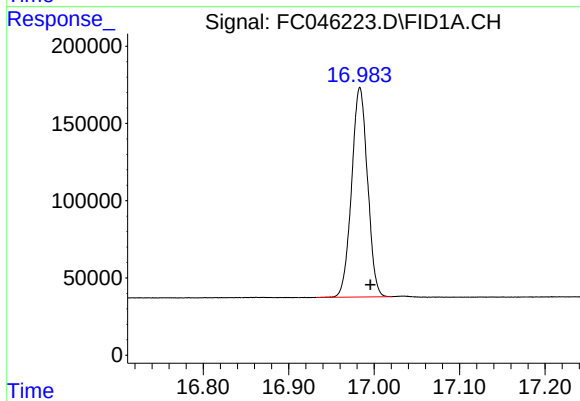
#14 n-Tetracosane (C24)

R.T.: 15.022 min
Delta R.T.: -0.010 min
Response: 1866492
Conc: 17.44 ug/ml



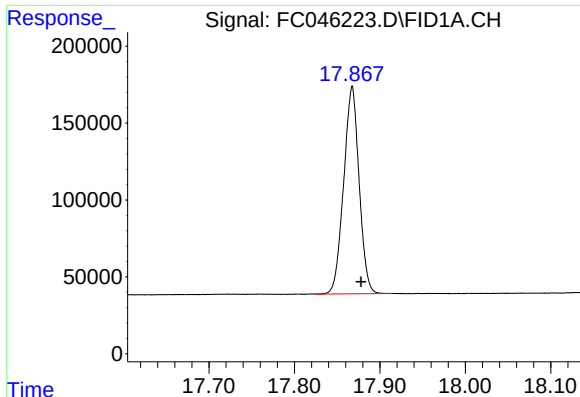
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: -0.011 min
Response: 1805306
Conc: 16.99 ug/ml



#16 n-Octacosane (C28)

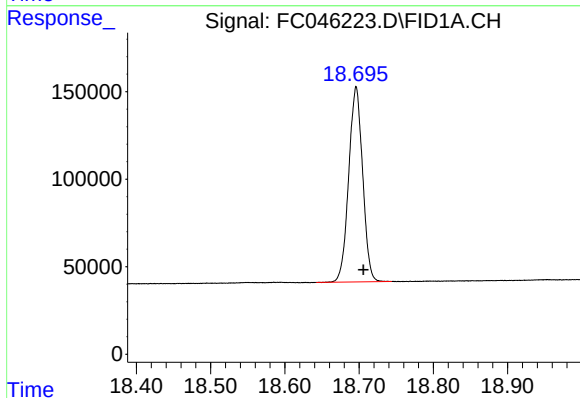
R.T.: 16.983 min
Delta R.T.: -0.012 min
Response: 1753037
Conc: 16.74 ug/ml



#17 n-Tricontane (C30)

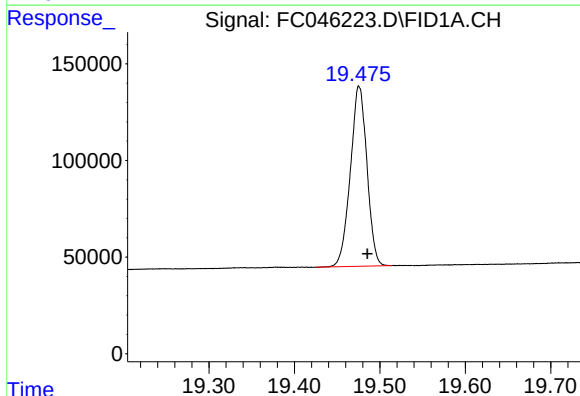
R.T.: 17.868 min
Delta R.T.: -0.011 min
Response: 1694492
Conc: 16.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



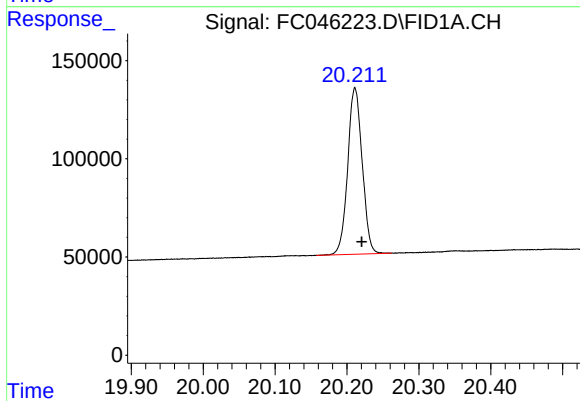
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 1449654
Conc: 16.94 ug/ml



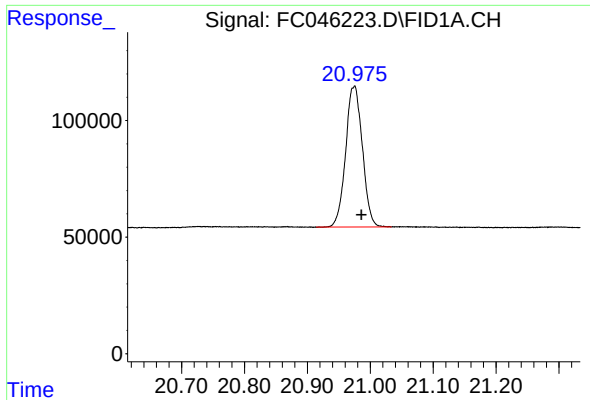
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: -0.010 min
Response: 1257042
Conc: 17.32 ug/ml



#20 n-Hexatriacontane (C36)

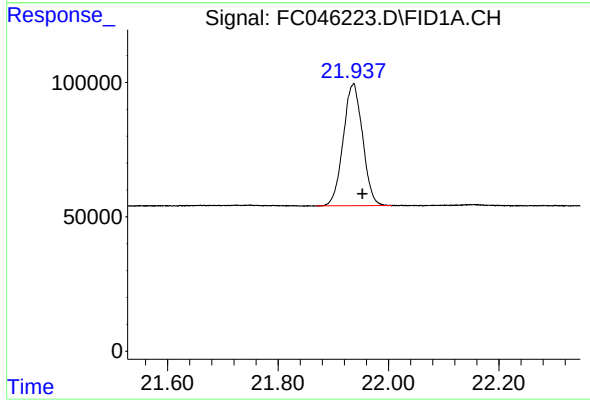
R.T.: 20.211 min
Delta R.T.: -0.010 min
Response: 1182266
Conc: 17.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: -0.011 min
Response: 1115321
Conc: 18.45 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.016 min
Response: 1103783
Conc: 17.56 ug/ml